

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Consolidation Coal Company Operator Well No.: L-5

LOCATION: Elevation: 1219.71' Quadrangle: HUNDRED WV, PA 7.5'
District: Battelle County: Monongalia
Latitude: _____ Feet South of 39 Deg. 38 Min. 15.70 Sec.
Longitude: _____ Feet West of 80 Deg. 23 Min. 19.40 Sec.

Well Type: OIL _____ GAS X

Company Consolidation Coal Co Coal Operator 1 Bridge St
or Owner Monongah, WV 26654
Coal Operator _____
Agent David Roddy or Owner _____
Permit Issued Date 12/20/17

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia ss:

Ralph K. Harman and Kevin S. Wright being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 14th day of February, 2018, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable	1850'	1132'		
Thixotropic	1132'	681'		
Expandable	681'	Surface		
5 1/2"	Surface	2129'	0'	2129'
6 1/2" Fiberglass	1062'	1082'	Milled 30'	0'
8 6/8"	Surface	723'	0'	723'
16" Conductor	Surface	10'	0'	10'

Description of monument: 77' of 7" casing with company name, well #, API #, and date cemented. and that the work of plugging and filling said well was completed on the 28th day of February, 2018.

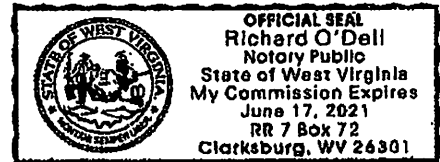
And further deponents saith not. Ralph K. Harman

Kevin S. Wright

Sworn and subscribe before me this 5th day of March, 2018

My commission expires: 06/17/2021

Richard O'Dell
Notary Public



Affidavit reviewed by the Office of Oil and Gas. Mary J. LaRue

Title: INSPECTOR

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MAR 06 2018

Plugging Report for MSHA

Well Number: L-5 Mine: Marion County Mine

Permit Number: 47-061-01407

Date Clean Out Started: 2/14/2018

Date Well Bore Plugged: 2/28/2018

Pittsburgh Coal Seam: 1065 ft. To 1072 ft.

From	To	Type of Cement
1850'	1132'	Expandable Cement w/ Gas Blocker
1132'	561'	Thixotropic Cement with green dye
561'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing				
5 1/2" casing	Surface	2129'	2129'	0'
7" casing				
8 5/8" casing	Surface	723'	723'	0'
10 3/4" casing				
16" casing	Surface	10'	10'	0'
5 1/2" Fiberglass	1052'	1082'	Milled 30'	0'

Cement:

Expandable 135 sacks

Thixotropic 65 sacks

Econofill _____ sacks

Mud Flush 1000 gal

Other _____

Est. Top Thix 561' ft

Did Cement Circ. Yes

Comments:

Caving: Extreme Moderate Normal

Lost Circulation: Extreme Moderate Normal

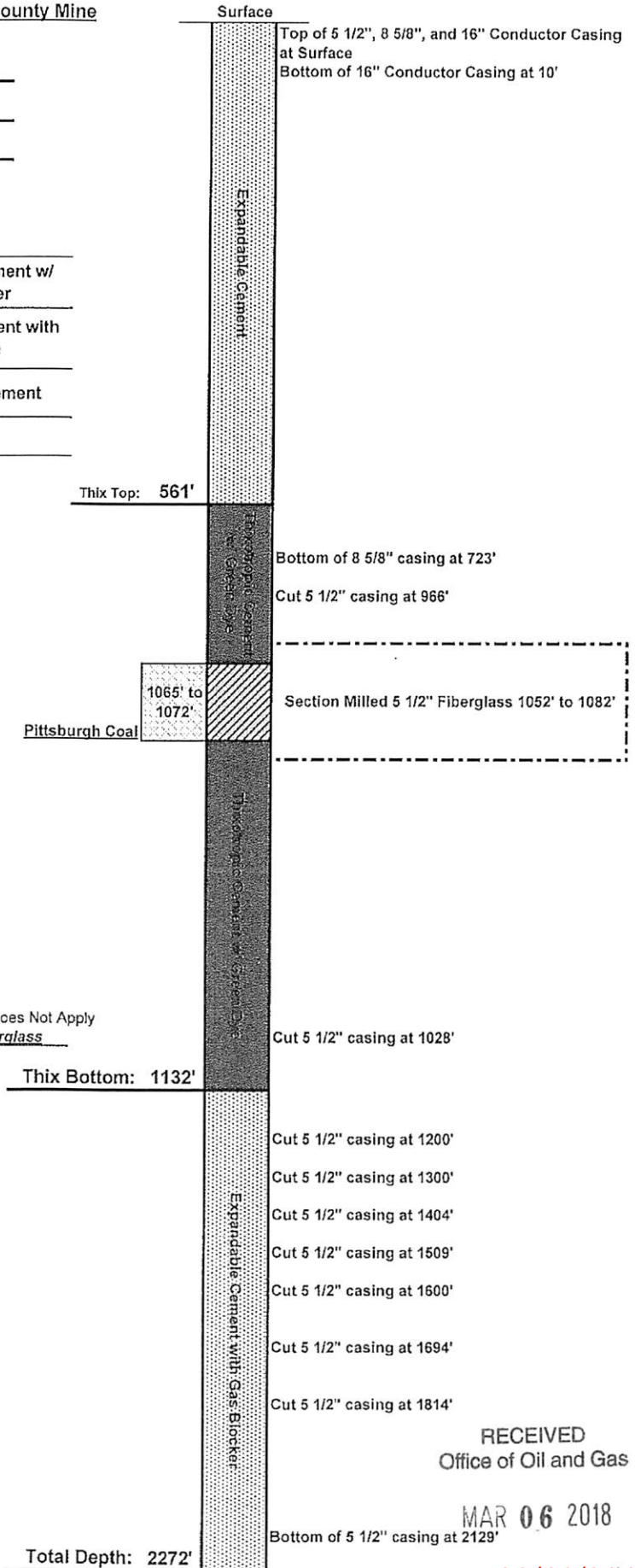
Difficulty in Removing Casing: Extreme Moderate Normal Does Not Apply

Debris in Well Bore: Wood Steel Other: Fiberglass

Surface Elevation (Surveyed) 1221

Bottom of Coal Structure (Map) 155

Difference 1066



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Bottom of 5 1/2" casing at 2129'

Total Depth: 2272'

FORM WR-38
(Affidavit of Plugging)

WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS WELLS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

CONSOLIDATION COAL CO.
Coal Operator or Owner
1 BRIDGE STREET MONONGAH, WV 26554
Address
CONSOLIDATION COAL CO.
Coal Operator or Owner
1 BRIDGE STREET MONONGAH, WV 26554
Address
CONSOLIDATION COAL CO.
Lease or Property Owner
1 BRIDGE STREET MONONGAH, WV 26554
Address

CONSOLIDATION COAL CO.
Name of Well Operator
1 BRIDGE STREET MONONGAH, WV 26554
Complete Address
HUNDRED WV, PA 7.5"
Well Location
BATTELLE
District
MONONGALIA
County
L5
Well No.
CONSOLIDATION COAL COMPANY
Farm

STATE INSPECTOR SUPERVISING PLUGGING
AFFIDAVIT

Raymond J. ... 3/6/2018

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:
RALPH K. HARMAN and KEVIN S. WRIGHT being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 14th day of February, 2018 and that the well was plugged in the following manner:

Sand or Zone Record Formation	Filling Material	Casing/Tubing Size	Casing Pulled	Casing Left In
Logged CBM well from surface to 1850'. Hole fill from 2272' to 1850'. Attempted to removed 5 1/2" casing by pulling 150% of string weight. Attempt was unsuccessful. Left 2129' of 5 1/2" casing from the surface to 2129'. Cut and perforated 5 1/2" casing at the following depths: 1814', 1894', 1800', 1509', 1404', 1300', 1200', 1028', and 988'. Set bottom plug from 1850' to 1132' with 65 sacks of Expandable cement with Gas Blocker. Section milled 5 1/2" fiberglass casing from 1052' to 1082' through the Pittsburgh Coal Seam (1085' - 1072'). Left 10' of 16" conductor at the surface from the surface to 10'.		5 1/2" casing	0'	2129'
		5 1/2" fiberglass casing	Milled 30'	0'
		6 5/8" casing	0'	723'
		16" Conductor	0'	10'
<u>Cemented hole from top of bottom hole plug at 1132' back to the surface as follows:</u> From 1132' to 661' with 65 sacks of Thixotropic cement with green dye. From 661' to the surface with 70 sacks of Expandable cement. Cement did circulate at the surface. A total of 200 sacks of Thixotropic and Expandable cement was used to cement entire well.				
Coal Seams		Description of Monument		
Pittsburgh	(1065' - 1072')	77" of 7" casing w/ company name, well number, permit number and date cemented stated on 7" casing. Well marker will be attached to cement plug at ground level.		

... and that the work of plugging and filling said well was completed on the 28th day of February, 2018

And further deponents saith not.

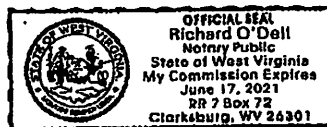
Ralph K. Harman
Ralph K. Harman
Kevin S. Wright
Kevin S. Wright

Sworn to and subscribed before me this 5th day of March

Richard O'Dell
Notary Public

My commission expires:

04/17/2021



Permit No. 47-081-01407-P
Well No. L5
Latitude: 39° 38' 18.70"N
Longitude: 80° 23' 19.49"W

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MAR 06 2018